

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SIAION CONTAINING YTTERBIUM AND METHOD OF MAKING

the specification of which: (complete (a), (b) or (c) for type of application)

**REGULAR OR DESIGN APPLICATION**

- (a) ☒ is attached hereto.  
(b) ☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

**PCT FILED APPLICATION ENTERING NATIONAL STAGE**

- (c) ☐ was described and claimed in International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended on \_\_\_\_\_.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.

**PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.  
(e) ☐ such applications have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION**

Country	Application No.	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION**

Country	Application No.	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**CONTINUATION-IN-PART**

(complete this part only if this is a continuation-in-part application)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)	(patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status)	(patented, pending, abandoned)
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**POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(List name and registration number)

John J. Prizzi	Registration No. 29,970
Larry R. Meenan	Registration No. 33,423
Stanislav Antolin	Registration No. 34,979
James G. Porcelli	Registration No. 33,757
Stephen T. Belsheim	Registration No. 28,688
John M. Halan	Registration No. 35,534
Thomas W. Cole	Registration No. 28,290
Thomas Lizzi	Registration No. 36,252

**SEND CORRESPONDENCE TO:**

John J. Prizzi  
Kennametal Inc.  
P. O. Box 231  
Latrobe, PA 15650

**DIRECT TELEPHONE CALLS TO:**

John J. Prizzi  
(724) 539-5331

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Russell L. YeckleyInventor's signature Date Nov 28, 00Country of Citizenship U.S.A.

Residence \_\_\_\_\_

Post Office Address Latrobe, Pennsylvania 15650110 Branwell Drive, Latrobe, PA 15650

Full name of second joint inventor, if any \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Country of Citizenship U.S.A.

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

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**FILE COPY**Docket No. K-1688**ASSIGNMENT**

Whereas, Russell L. Yeckley of 110 Branwell Drive, Latrobe, Pennsylvania 15650, U. S. A., has made application for Letters Patent of the United States, entitled SiAlON CONTAINING YTTERBIUM AND METHOD OF MAKING, said application having been executed

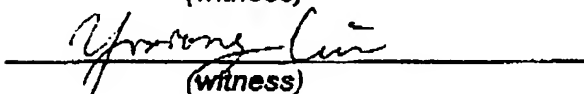
November 28, 2000;(month day year)(serial number, if any)

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said Russell L. Yeckley agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 28 day of Nov., 2000.

  
(witness)

  
(witness)

  
(signature of assignor)